

November 16,2011

SATELLITE LABORATORY PRE-QUALIFICATION REQUIREMENT

The INDOT, Office of Geotechnical Services is responsible to keep and maintain-consultant laboratory records (i.e. AMRL assessment, PSP data and CAR). Approved laboratories listed on INDOT web page perform testing during the geotechnical investigation and construction phase; and compliance with all the INDOT requirements mention in the Geotechnical Manual.

The Office of Geotechnical Services realizes that most of our consultants have other testing facilities besides their primary AMRL approved laboratories in the State. Therefore, the Office of Geotechnical Services has decided to give more access to our consultants, these laboratories shall be inspected by the INDOT representative and qualified laboratories shall be listed on INDOT web page.

All the contractors are required to choose one of the INDOT approved primary or satellite laboratory for their construction related testing.

The requirement for the approval of Satellite laboratory is:-

Satellite laboratory shall be inspected for soil equipment and evaluation of technician (s) capabilities. The technician (s) must be competent enough to perform and follow the AASHTO test procedures:

Satellite laboratory assessment/ inspection shall perform in two separate sessions for **“Soil” and “Aggregate”**. Soil testing assessment shall be conducted by a representative of Geotechnical Services and Aggregate testing assessment shall be conducted by an INDOT District “Independent Assurance Technician”.

In order to be on INDOT approved Satellite Laboratories, satellite laboratory technician must qualify both assessment sessions.

The approved Satellite Laboratory shall perform only the test methods mentioned here during construction phase for acceptance. Testing during the design phase shall be performed by the AMRL approved Laboratory (Primary Laboratory).

Soil

AASHTO T87	Dry Preparation of Disturbed Soil and Soil Aggregates Sample for Test
AASHTO T88	Particle Analysis of Soil
AASHTO T89	Determining the Liquid Limit of Soil
AASHTO T90	Determining the Plastic Limit and Plastic Index of Soil
AASHTO T99	Moisture Density Relation of Soils Using a 2.5-kg (5.5 lb) Rammer and a 305-mm (12-inch) drop.

Aggregate

AASHTO T11 Materials Finer than 75 μ (No.200)

AASHTO T27 Sieve Analysis of Fine and Coarse Aggregates

- The Laboratory facility located in the State of Indiana shall be inspected and approved as a satellite laboratory.
- The Satellite Laboratory shall be inspected every two years by an “INDOT Office of Geotechnical Services” representative and by an “INDOT District Independent Assurance Technician”.
- The Satellite laboratory shall be approved for a period of two years; and the laboratory do not meets the INDOT requirements shall not be approved.
- It is recommended, the Satellite laboratory must contact INDOT Office of Geotechnical Services at least two months prior to the expiration of approved status with the INDOT for scheduling a new inspection.

For more information please contact:

Indiana Department of Transportation

Office of Geotechnical Services

120 South Shortridge Road

Indianapolis, IN 46219

Tele: 317-610-7251

**INDOT APPROVED SATTELITE LABORATORIES AND ACCEPTANCES TECHNICIANS
2011**

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